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<b>(21) International Application Number:</b> PCT/US99/26610 <b>(22) International Filing Date:</b> 10 November 1999 (10.11.99)  <b>(30) Priority Data:</b> 60/110,266 30 November 1998 (30.11.98) US  <b>(71) Applicant (for all designated States except US):</b> TRUSTEES OF DARTMOUTH COLLEGE [US/US]; Technology Transfer Office, 11 Rope Ferry Road #6210, Hanover, NH 03755-1404 (US).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> BRINCKERHOFF, Constance, E. [US/US]; 7 Falcon Lane, Norwich, VT 05055 (US). RUTTER, Joni, L. [US/US]; Balley Road, Thetford, VT 05074 (US).  <b>(74) Agents:</b> LICATA, Jane, Massey et al.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (US).		<b>(81) Designated States:</b> CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> METHODS OF DIAGNOSING, PROGNOSTICATING AND TREATING MATRIX METALLOPROTEINASE-1 RELATED DISEASES VIA A MATRIX METALLOPROTEINASE-1 SINGLE NUCLEOTIDE POLYMORPHISM		
<b>(57) Abstract</b>  Methods and kits for diagnosing and prognosticating matrix metalloproteinase-1 related disease by detecting a single nucleotide polymorphism in the promoter of the gene are provided. Also provided are methods of identifying agents which inhibit binding of transcriptions factors to the Ets transcription factor binding site created by or resulting from this single nucleotide polymorphism and methods of using these agents to treat matrix metalloproteinase-1 related diseases.		